

3/29/48

✓ BAE April 1948 Enumerative Survey

Instructions for Large Farm Sample in Western States

Background Information

The large farm sample consists of 2 percent of the "large farms" in the Western States. The sample has been selected from a list of large farms compiled from 1945 Census records. Five criteria were used in compiling this list. A farm exceeding the amounts shown below for any one of these criteria, was classed as a large farm:

Criteria for Large Farms

State	Total Acres	Cropland 1944	Total Cattle	Total Sheep	Total Value of Products Sold, Traded or Used in Household
	(Acres)	(Acres)	(Number)	(Number)	(Dollars)
Montana	20,000	1,000	1,000	6,000	80,000
Idaho	5,000	1,000	600	4,000	60,000
Wyoming	20,000	1,000	1,000	6,000	80,000
Colorado	10,000	1,000	800	6,000	80,000
New Mexico	20,000	1,000	1,000	4,000	60,000
Arizona	20,000	1,000	1,000	4,000	80,000
Utah	7,500	1,000	600	6,000	40,000
Nevada	10,000	1,000	1,000	4,000	60,000
Washington	5,000	1,000	600	4,000	60,000
Oregon	10,000	1,000	800	4,000	70,000
California	10,000	1,000	1,000	4,000	120,000

Since the large farm sample is limited to those counties which are used for the April segment sample, it consists of considerably more than 2 percent of the large farms in the sample counties.

In expanding sample data from the April survey in Western States, it will be necessary to treat the large farms and the "segment farms" as two separate universes. Large farm averages will be expanded by the Census total number of large farms in the State as determined by the same criteria shown above. Segment farm averages will be expanded by the total number of "segment farms" obtained by multiplying the number of farms identified in the sample segments by the reciprocal of the segment sampling rate - unless analysis shows that identification is incomplete. (In the latter event we would have to continue to use 1945 Census data and the expansion factor for segment farm averages would be Census total number of farms minus Census total number of large farms.)

Specific Instructions and Material Furnished

The State supervisor will be furnished a list of the selected large farms in his State. In addition he will be furnished a set of "County Large Farm Sample Sheets" -- one for each county having any selected large farms, on which are relisted the sample large farms for the county, and space is provided for recording whether or not an interview was obtained, and other remarks. It is

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intended that the State supervisor or other professional representative of the State office will take all the large farm interviews. Do not delegate this work except where the State statistician is confident that a county interviewer is extremely well qualified and where he can be trusted to establish a satisfactory relation with these large operators.

The selected large farms are not designated on the maps nor have they been delineated out of the segments. In a few instances, a selected large farm may therefore be in a segment. To make sure that the operator is not contacted twice in such a case, the addresses of the selected large farms should be checked against the county map showing selected segments. If it appears that any of the selected large farms may have headquarters in a sample segment, advise the interviewer not to count it as a sample farm on the FI sheet. He should enter "sel. large farm" in the FI sheet column for recording action taken.

In addition to the selected large farms, there will be other farms on the Census large farm list which were not selected as sample large farms for April but which fall in selected segments. You may be wondering how these will be handled in the analysis, since it is just as important that they also be separated from the segment sample and combined with the large farm sample before analysis. It is intended to make this separation when the schedules are received in Washington, and therefore the county interviewers need not give any special treatment to large farms which happen to fall in segments, except in the rare case where such farms are among the selected large farms.

Goal for Large Farm Interviews

The large farm sample consists of 144 farms. The number selected by States, and the goal in terms of minimum expected number of actual complete interviews appear below:

<u>State</u>	<u>Selected Number of Large Farms</u>	<u>Minimum Expected No. of Interviews</u>
Montana	23	19
Idaho	13	10
Wyoming	3	2
Colorado	14	12
New Mexico	5	4
Arizona	8	6
Utah	4	3
Nevada	6	5
Washington	19	16
Oregon	11	9
California	38	32
Total	144	118

Check sheets for non-interviewed farms should be filled out as fully as possible for any large farms that are not interviewed.

Remarks

On the "County Large Farm Sample Sheet" space is provided for remarks about each sample large farm. Since list sampling of large farms is still in an experimental stage, some unanticipated difficulties may be encountered. The "remarks" space is provided for making notes about any unusual circumstances encountered in finding the selected large farms, determining the limits of the operation in terms of farm definition, or in obtaining the interview or establishing proper cooperation.

If a selected large farm is also in a selected segment, note this fact, along with the segment number, in the "remarks" space.

If a selected large farm is no longer operated under the same name, take an interview from the new operator if possible, and note circumstances under "remarks." If a selected large farm which is no longer operated under the same name has become part of another farm, take an interview from the present operator concerning his entire farm, and note circumstances. Please note also any important changes in the size of operation or number of acres in the unit since January 1945.

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